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DEP: SENT VIA CERTIFIED MAIL RETURN RECEIPT NO. – 7007 2680 0000 5151 3364

EPA: SENT VIA CERTIFIED MAIL RETURN RECEIPT NO. – 7007 2680 0000 5151 0974

May 20, 2011

Mr. Mark Wejksznar, P.E.
Air Quality Program Manager
Pennsylvania Department of Environmental Protection
Northeast Regional Office
2 Public Square
Wilkes-Barre, PA 18711-0790

Ms. Diana Esher
Director, Air Protection Division (3AP00)
U.S. EPA Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

**PPL RENEWABLE ENERGY, LLC
GLEDON BUSINESS CENTER – LANDFILL GAS TO ENERGY FACILITY
PLAN APPROVAL PERMIT NO. 48-329-009
40 CFR PART 63, SUBPART ZZZZ & 40 CFR PART 60, SUBPART JJJJ NOTIFICATIONS**

Dear Mr. Wejksznar and Ms. Esher:

As per the notification requirements set forth in 40 CFR Part 63, Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines and 40 CFR Part 60, Subpart JJJJ – New Source Performance Standards for Stationary Spark Ignition Internal Combustion Engines, the enclosed documentation is being submitted.

If you require additional information or have any questions regarding the enclosed notification form, please feel free to contact me at: (610) 774-5410 or e-mail ejwerkheiser@pplweb.com.

Sincerely,

Edward J. Werkheiser
Sr. Environmental Professional

Enclosures

Cc:	Andrew Schweitzer	PADEP-BDO
	Enos Martin, P.E.	GENPL2
	Jim Yarnell	Plant/Facility
	Denise Sale	GENPL2
	File Copy	GENPL6

RECEIVED
MAY 25 2011
3AP20

Initial Notification of Applicability^a

National Emission Standards for Hazardous Air Pollutants:
Stationary Reciprocating Internal Combustion Engines
40 CFR Part 63 Subpart ZZZZ

☒ Yes, I am subject to 40 CFR Part 63 subpart ZZZZ National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

NAICS code(s): 22, 221

Compliance Date: ☐ Existing source: May 3, 2013 ☒ New/reconstructed source: upon initial startup*

*The engines became operational on – **Engine No. 1, May 12, 2011, Engine No. 2, May 13, 2011 (Engine shake-down testing)**. The facility is operating in compliance with the requirements set forth in 40 CFR Part 63, Subpart ZZZZ.

Engine Description: The facility operates two (2) Caterpillar G3520C reciprocating internal combustion engines with a heat input rating of 2,233 BHP per engine. The engines are spark-ignited, lean burn engines which are rated for low emissions combustion (1.0 g/BHP-hr NO_x emissions) and are suitable for low-energy, low pressure fuels such as landfill gas (LFG). The engines fire LFG generated by the Chrin Sanitary Landfill. The engines operate at a typical LFG flow rate of 507 SCFM at 50% methane. However, actual flow rate may vary depending on the LFG quality (percent methane). Methane content of the LFG may vary from 40 to 60% methane, correlating to a high heat value (HHV) range from 300 to 600 BTU/CF, where a typical heat value is 1,012 BTU/CF at 100% methane.

Company name: PPL Renewable Energy, LLC

Facility name (if different): Glendon Business Center – Landfill Gas to Energy Facility

Facility (physical location) address: 245 West Hilton Street, Easton, PA 18042257

My facility is a (please choose one): ☒ **Major source** ☐ Area source
☐ Synthetic minor

PADEP Plan Approval Permit No. 48-329-009 (Issued 12/7/2010)
Federal Tax ID No. 84-1637748-02

Company Representative Name/Title: Mr. Enos M. Martin, P.E. / Asset Manager

Representative/Company Address: PPL Renewable Energy, LLC (GENPL2)

Two North Ninth Street

Allentown, PA 18101

Representative Telephone Number: (610) 774-4164

Representative Email Address (if available): emmartin@pplweb.com

If the Operator information is different from the Owner, please provide the following:

Operator name/title: Charles Snyder / Plant Operations Manager

Operator telephone number: Cell Phone No. 610-714-9272

Operator email address (if available): cmsnyder@pplweb.com

I hereby certify that the information presented herein is correct to the best of my knowledge.


(Signature)

May 17, 2011
(Date)

Enos M. Martin / Asset Manager
(Name/title)

(610) 774-4164
(Telephone No.)

**PPL Renewable Energy LLC
Glendon Business Center – Landfill Gas to Energy Facility
40 CFR Part 60, Subpart JJJJ Notification of Applicability Information
As Required by §60.4245(c)**



**PADEP Plan Approval Permit No. 48-329-009
Federal Tax ID No. 84-1637748-02**

As per 40 CFR Part 60, Subpart JJJJ, Section 60.4245(c), the following information is being provided for the affected facility.

(c)(1) Name and Address of the Owner or Operator:

The Units are owned and operated by:
PPL Renewable Energy, LLC
2 North Ninth Street (GENPL2)
Allentown, PA 18101

(c)(2) Address of the Affected Source:

Glendon Business Center
245 West Hilton Street
Easton, PA 18042
Glendon Borough,
Northampton County

(c)(3) Engine Information:

Engine #	Make	Model	Serial No.	Model Year	Power	Displacement
1	Caterpillar	G3520C	GZJ00436	2010	2,233 bhp	5,248 in ³
2	Caterpillar	G3520C	GZJ00437	2010	2,233 bhp	5,248 in ³

(c)(4) Emissions Control Equipment:

Both Engines are Lean Burn, Low Emissions Engines with Air/Fuel Ratio Control

(c)(5) Fuel Used

The Engines are fired exclusively by Landfill Gas generated from the Chrin Bros. Sanitary Landfill and having a typical methane content range of approximately 40 – 60 % CH₄ and a High Heating Value (HHV) range from 300 to 600 BTU/CF, where a typical heat value is 1,012 BTU/CF at 100% methane.